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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/833,865	04/12/2001	Francois Breynaert	60130-1052/00MRA0213	5202

26096 7590 05/29/2002

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EXAMINER

LE, DANG D

ART UNIT PAPER NUMBER

2834

DATE MAILED: 05/29/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/833,865

Applicant(s)

BREYNAERT ET AL.

Examiner

Dang D Le

Art Unit

2834

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-13 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 April 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 6.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Specification

1. The abstract of the disclosure is objected to because it contains the words "comprising" in line 1 and "comprises" in line 2. Correction is required. See MPEP § 608.01(b).

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-5 and 8-10 are rejected under 35 U.S.C. 102(b) as being anticipated by Weber et al. (WO 98/27460).

Regarding claim 1, Weber et al. show a connector for an electric motor (30, Figures 1-4a), adapted so as to be fixed on said motor, said motor comprising a magnetic ring (10) which is a seat of a magnetic field related to operating parameters of said motor, wherein said connector comprises a magnetic flux conduction member (14, 16, 18) forming a flux concentrator interposed, when said connector is fixed on the motor, between said magnetic ring (10) and a Hall-effect sensor (22, 24) adapted so as to measure magnetic flux conducted by said magnetic flux conduction member.

Regarding claim 2, it is noted that Weber et al. also show said magnetic flux conduction member comprising at least one metal pin adapted so that a part of said pin,

when said connector is fixed on said motor, lies in a vicinity of said magnetic ring (Figure 2).

Regarding claim 3, it is noted that Weber et al. also show said magnetic flux conduction member comprising two metal pins (16, 18) having free ends disposed symmetrically with respect to an axial plane of said magnetic ring (Figure 3).

Regarding claim 4, it is noted that Weber et al. also show said connector further comprising at least two electrical power contacts (Figure 1) linked to a supply source for said motor.

Regarding claim 5, it is noted that Weber et al. also show at least one of said electrical power contacts being disposed so as to constitute a part (power contacts contacting circuit board on which elements 14, 16, 18 are mounted) of said magnetic flux conduction member.

Regarding claim 8, it is noted that Weber et al. also show said connector being secured to a printed circuit (20) on which said Hall-effect sensor (22, 24) is disposed.

Regarding claim 9, it is noted that Weber et al. also show said connector being adapted so as to be fixed in a detachable manner on said electric motor.

Regarding claim 10, it is noted that Weber et al. also show a geared motor for an automobile accessories comprising a rotor shaft (12) equipped with a magnetic ring (10), wherein said motor comprises a connector (Figure 1).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 6 and 7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Weber et al. in view of Blanchet (5,453,649).

Regarding claim 6, Weber et al. show all of the limitations of the claimed invention except for said power contact constituting a part of said magnetic flux conduction member being connected, when said connector is fixed on said motor, to a metal pad secured to said motor and a part of which lies in a vicinity of said magnetic ring.

Blanchet shows said power contact (94) constituting a part of said magnetic flux conduction member being connected, when said connector (60) is fixed on said motor, to a wire (92) secured to said motor and a part of which lies in a vicinity of said magnetic ring for the purpose of providing electricity to the motor.

Since Weber et al. and Blanchet are all from the same field of endeavor; the purpose disclosed by one inventor would have been recognized in the pertinent art of the others.

It would have been obvious at the time the invention was made to a person having ordinary skill in the art to connect said power contact constituting a part of said magnetic flux conduction member, when said connector is fixed on said motor, to a metal pad secured to said motor and a part of which lies in a vicinity of said magnetic ring as taught by Blanchet for the purpose discussed above.

Regarding claim 7, it is noted that Weber et al. also show said power contact constituting a part of said magnet flux conduction member being made of steel.

6. Claims 11-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Weber et al. in view of Wiesler (6,127,752).

Regarding claims 11-13, Weber et al. show all of the limitations of the claimed invention except for said automobile accessory being a window, a seat or a sunroof.

Wiesler shows said automobile accessory being a window, a seat or a sunroof for the purpose of automation.

Since Weber et al. and Wiesler are all from the same field of endeavor; the purpose disclosed by one inventor would have been recognized in the pertinent art of the others.

It would have been obvious at the time the invention was made to a person having ordinary skill in the art to make said automobile accessory as a window, a seat or a sunroof as taught by Wiesler for the purpose discussed above.

Information on How to Contact USPTO

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dang D Le whose telephone number is (703) 305-0156. The examiner can normally be reached on Monday through Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nestor Ramirez can be reached on (703) 308-1371. The fax phone numbers for the organization where this application or proceeding is assigned are (703)

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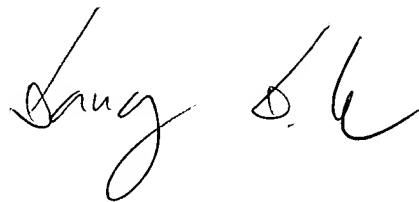
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308-7382 for regular communications and (703) 308-7382 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1782.

DDL
May 24, 2002

DL

A handwritten signature in cursive script, appearing to read "Long S. L.", is written in the center of the page.